



QUANTUMS3

Designing Beyond the Bounds of Engineering

Quantum ASC Services (Analytical Solutions Consulting Services)

We specialize in using applied mathematics and computation to solve your currently intractable business problem or inefficient process. Using advanced analytical methods from all fields of applied mathematics and computational science, we leave your business process better than we found it. What makes our service valuable is the specifically tailored solution we design for your unique problem. Whatever is necessary to solve your problem, we will work with your SMEs to develop the right tool for the job. Our experts will create a mathematical model and build the associated software tool to implement the model. If distributed computing resources are necessary, we can scale the processing and memory resources in conjunction with the Hadoop ecosystem to parallel process your data. Our guarantee is that your business will be better after our services - you will either save money, increase efficiency, improve employee productivity, or save time - most likely a combination of all of the above. Email us today for a consultation –

sales@quantumS3.com

Tools Include:

- predictive modeling
- big data tools
- optimization
- combinatorics
- graph theory
- inferential and descriptive statistics
- mathematical modeling
- differential equations
- calculus
- linear algebra
- risk analysis
- statistical modeling
- management science
- economic/financial modeling
- queuing theory
- stochastic processes
- artificial intelligence
- machine learning
- data visualization
- cognitive psychology
- behavioral neuroscience
- probability theory
- information theory
- data science
- game theory
- operations research

